LANDOWNER: _____ **COUNTY:**_____ **ENG. JOB CLASS** _____
TERRACE NO.: _____ **PROGRAM:** _____ **CONTRACT NO.:** _____ **CIN** _____ **FIELD NO.** _____
DESIGNED BY: _____ **DATE :** _____
CHECKED BY: _____ **DATE :** _____

(1) Drainage Area (Ac.):_____
(2) Runoff Curve No.:_____
(3A) Rainfall (In.):_____
(5) Volume Runoff (Ac.in.) [(1)*[4]):_____
(7) Sed. Storage (Ac.in.) [.03*(1)*(3)]:____
(8A) Inlet Elevation: [DESIGN] Xu_____
(9) Design Elevation :_____
(9B) Free Board (Ft.):_____
(10A) Top Elevation [(9)+(9B)]: [DESIGN]_____
(10B) Actual Vol. (Acin.):_____
Spillway El.: [DESIGN]_____
Spillway Width (Ft): [DESIGN]_____
Min. Depth of Cover (Ft): [DESIGN]_____

(11) Removal Time (Hr.):_____
(3) 24 Hr. Storm Freq. (Yr.):_____
(4) Runoff (In.):_____
(6) Discharge Coefficient 1/ :_____
(8) Store. Required (Acin) [(6)*(5)+(7)]:___
(8A) Inlet Elevation: [CHECKOUT]_____
(9A) Design Depth (Ft.) [(9)-(8A)]:_____
(10) Total Height (Ft.) [(9A)+(9B)]:_____
(10A) Top Elevation [(9)+(9B)]: [CHECKOUT]____
Shrinkage (%):_____
Spillway El.: [CHECKOUT]_____
Spillway Width (Ft): [CHECKOUT]_____
Min. Depth of Cover (Ft): [CHECKOUT]____

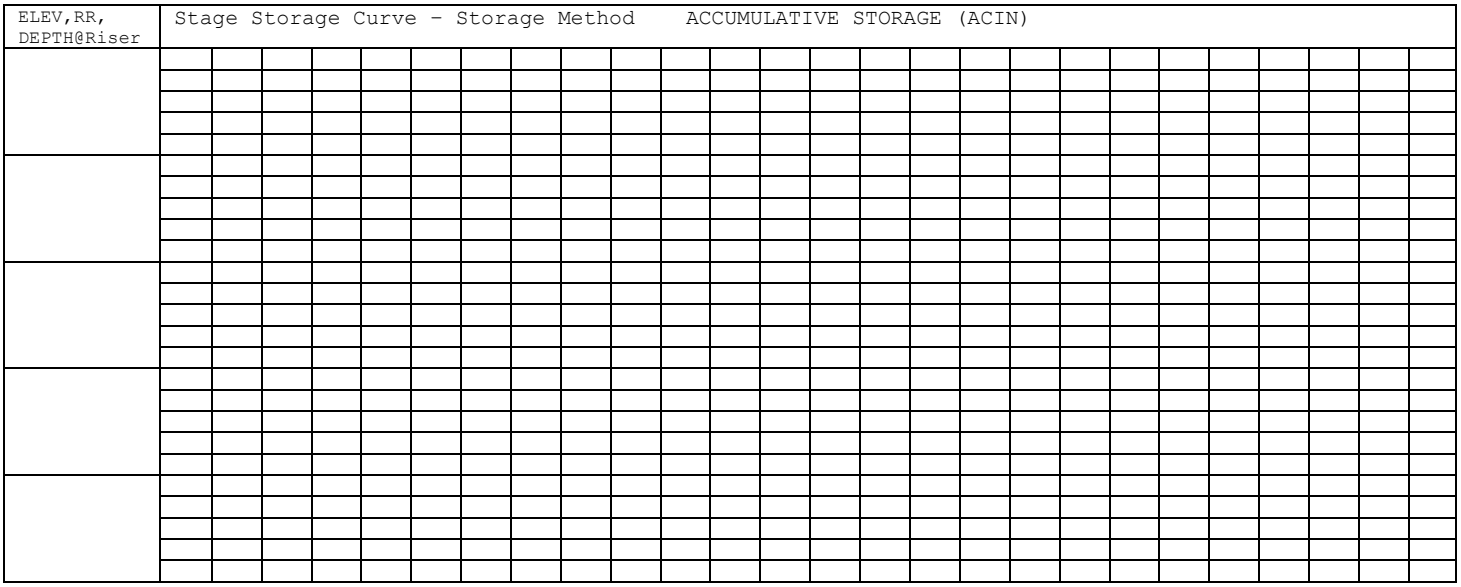
Benchmark:_____

1/ DISCHARGE COEFFICIENT

Removal Time (Hrs.)	Routing Coef.
6	0.40
12	0.48
18	0.54
24	0.60
30	0.63
36	0.66
42	0.70
48	0.73
More than 48	1.00

Stage Storage Data - Storage Method

Elev. or Rod Reading	Area (Ac.)	Storage(Acin) Incri.	Storage(Acin) Accum.



ATTACHMENTS NEEDED: Construction Specification, Utilities Checksheet, Material Certification & Guarantee, and Diversion or Terrace Design. If Orifice is needed, include Mainline Design.

PROFILE AND BASIN METHODS STORAGE COMPUTATIONS												
STATION	ELEVATION	SLOPE	STATION	ELEVATION	SLOPE	STATION	ELEVATION	SLOPE	STATION	ELEVATION	SLOPE

COMPUTATIONS:

HYDRAULICS DESIGN

(12) Design Flow rate (cfs) [1.25*(5)/(11)]:_____

ORIFICE DESIGN

(13A) Orifice Needed (Yes or No): _____

(13B) Orifice Depth (Ft): [DESIGN] (13B) Orifice Depth (Ft): [CHECKOUT]_____

(13) Orifice Head (Ft) [(9A)+(13B)]:_____ (14) Orifice Q (cfs):_____

(15) Orifice Diameter (In): [DESIGN]_____ (15) Orifice Diameter (In): [CHECKOUT]_____

OFFSET DESIGN

(17A) Length (Ft):_____ (17B) N Factor:_____

(21A) Water Surface Elev. at Outlet:_____ (18) Offset Head (Ft) (Head or hp) 1/:_____

(23) Offset Diameter (In):_____ (24) Offset Q (cfs):_____

Note 1/: If (13A) is No then Head (18) = (9) - (21A), if Yes then hp (18) = (8A) - (21A) - (13B) - 0.5 Ft.

RISER DESIGN

(28) Riser Area (Sqin/ft): [DESIGN]_____ (28) Riser Area (Sqin/ft): [CHECKOUT]_____

(29) Holes (#1 in. holes/ft): [DESIGN]_____ (29) Holes (#1 in. holes/ft): [CHECKOUT]_____

INLET DESIGN

(23) Offset Diameter (In):_____ (15) Orifice Dia. (In) [(15)+2 In.)]:_____

(30A) Riser Diameter (In):_____ (30B) Actual Flowrate, Q (cfs):_____

USE

[DESIGN]	[CHECKOUT]
Inlet Diameter (In): _____	Inlet Diameter (In): _____
Inlet Guard/Guard Post Required: _____	Inlet Guard/Guard Post Required:_____
Inlet Vent Length (Ft) if Required: _____	Inlet Vent Length (Ft) if Required: _____
Top of Outlet Elev (21A or lower): _____	Top of Outlet Elevation: _____
Outlet Diameter (In): _____	Outlet Diameter (In): _____
Outlet Guard Post Required: _____	Outlet Guard Post Required: _____

Offset Line Materials: [DESIGN] **[CHECKOUT]**

Diam. (In)	Type (PVC "PIP"etc.)	Pressure (Psi)	Length (Ft)	Diam. (In)	Type (PVC "PIP"etc.)	Pressure (Psi)	Length (Ft)

This practice meets specifications. Signed by:_____ Date: _____

Remarks_____
_____
_____
_____